



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
P0041514	ACI001-VC	1	1	Net 30	M304S16GA	304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240				192	11/2/2018	160		S123198	Stock	10/31/2018	\$ 7.72 / sf	0		\$1,234.56	Acier Ouellette Inc.	
												32		S123205	Stock	10/31/2018	\$ 7.72 / sf	0		\$246.91	Acier Ouellette Inc.	
		2			M304S18GA	304/316 .050 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240						192		S123199	Stock	10/31/2018	\$ 7.62 / sf	0		\$1,463.23	Acier Ouellette Inc.	
Total:										384		384									\$2,242.05	

Plex 10/31/2018 1:53 PM dart.Tollis.Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041514**

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO041514
PO Date: 10/30/18
Due Date: 11/2/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M304S16GA		304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	-	11/2/18	192 sf	0 sf 192sf	192 sf	\$7.716/sf	\$1,481.47
2		M304S18GA		304/316 .050 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	-	11/2/18	192 sf	0 sf 192sf	192 sf	\$7.621/sf	\$1,463.23

Grand Total: \$2,944.70



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041514

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 10/31/18 11:10 AM [dart.tsimiklis.chrisoula](#)

**ACIER OUELLETTE INC.**

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

Copy

CO00118105

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : LUSSIER Tél.: (613) 632-5200 X 730

Delivery Route 5**Customer N°**

CLI0001056

Date

2018/10/30

Delivery date**2018/10/31****Your order N°**

PO041514

Processed by

Denis Quenneville

Salesman**Carrier**

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Instruction F-M

Product Description	Weight	Qty	UM	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 6 SHEET OF 48" X 96" 2 X Heat : C270094 4 X Heat : A1W050575	504.00	192.00	PI2_\$CLB		6x 4'x8'						
2 SHEET SS 18G SS304-2B (4 X 8) FESS-18G483042B 3425 6 SHEET OF 48" X 96" Heat : 4162	403.20	192.00	PI2_\$CLB		6x 4'x8'						
3 SKID (4 X 8) SK-48 10048		1.00	UN_\$UN								

Note : ATTENTION: MILL TEST REQUIS**Total Weight (Lbs) :** 907.20**NIR : R-109516-6****Conditions :**

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Date

Y M D
11/01/2018

3419

FESS-166483042B

51227

TRA-2832

Certificate No.	F180427039
Date:	APR 17, 2018

檢驗證明書 MILL TEST CERTIFICATE



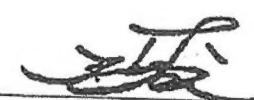
彰源企業股份有限公司
FROCH ENTERPRISE CO., LTD.

NO.122 INDUSTRIAL ROAD, TOU-LIU CITY,

YUN-LIN 640, TAIWAN

T: +886-5-5571670

F: +886-5-5571188

Custor		Invoice No.		Contract No.		L/C No.		規範		Page: 1 of 1								
FEX20180653		18136		DC HMN810943		ASTM A240-13c/A480-14												
產品名稱 Description		項目 Item No.	產品尺寸 Size		鋼種 Type	爐號 Heat No.		數量 QTY(PCS)	重量 Weight(MT)	熱處理 (°C) Heat Treatment Water Quenched	表面處理 Finish	備註 Remark						
STAINLESS STEEL COLD ROLLED SHEET SPECIFICATION AS PER PO NO.:P-18136 TOTAL QUANTITY:19.920MT		1	20GAX48"X120" 2B NO PI		304	ALC040031		78.000	1.996	—	2B							
		2	16GA X 48" X 96" 2B PI		304	AIW050575		102.000	3.557	—	2B							
		3	14GA X 48" X 96" 2B PI		304	AIV040477		39.000	1.710	—	2B							
		4	11GA X 48" X 96" 2B PI		304	AIN050390		75.000	5.286	—	2B							
		5	20GAX48"X120" NO.4 BP FLPE		304	ALE050272		74.000	1.925	—	NO4							
		6	18GAX48"X120" NO.4 BP FLPE		304	ALE050482		50.000	1.746	—	NO4							
		7	16GAX48"X 96" NO.4 BP FLPE		304	ALE050451		66.000	2.293	—	NO4							
		8	16GAX48"X 96" NO.4 BP FLPE		304	ALE050455		41.000	1.427	—	NO4							
化學成份 Chemical Composition (%)																		
項目 Item No.	碳 C	矽 Si	錳 Mn	磷 P	硫 S	鉻 Cr	鎳 Ni	鉬 Mo	氮 N	其他	抗拉強度 Tensile (N/mm ²)	降伏強度 0.2% Yield (N/mm ²)	伸長率 % Elongation	機械試驗 Mechanical Test	Direction	Width of specimen	Gauge Length	硬度試驗 Hardness HRB
Min.						17.50	8.00		0.100		515.00	205.00	40.00	LT	mm	mm		
Max.	0.070	0.750	2.00	0.045	0.030	19.50	10.50											
1	0.020	0.340	1.19	0.036	0.001	18.06	8.02	—	0.036	—	641.00	287.00	52.00	—	—	—	—	92.00
2	0.023	0.370	1.21	0.022	0.002	18.17	8.08	—	0.056	—	647.00	295.00	52.00	—	—	—	—	84.00
3	0.047	0.430	1.04	0.024	0.004	18.25	8.05	—	0.047	—	674.00	301.00	56.00	—	—	—	—	86.00
4	0.014	0.420	1.57	0.028	0.001	18.01	8.01	—	0.050	—	640.00	293.00	50.00	—	—	—	—	84.00
5	0.019	0.460	1.37	0.028	0.002	18.07	8.05	—	0.070	—	628.00	306.00	56.00	—	—	—	—	84.00
6	0.023	0.390	1.63	0.030	0.003	18.30	8.00	—	0.050	—	670.00	307.00	54.00	—	—	—	—	85.00
7	0.019	0.390	1.40	0.030	0.001	18.28	8.04	—	0.073	—	637.00	319.00	54.00	—	—	—	—	88.00
8	0.019	0.390	1.40	0.030	0.001	18.28	8.04	—	0.073	—	639.00	312.00	55.00	—	—	—	—	88.00
NOTES:													APPROVED CERTIFICATES:					
1.The material described herein is certified for no radiation contamination by original Material Manufacturer.													1.QMS according ISO 9001(TUV Cert No:01 100 126922)					
2.The tolerance of chemical composition is according to ASTM A480													2.EMS according ISO 14001(LR Cert No:0992007)					
3.Visual Inspection(Surface) and Dimension Check: Acceptable													3.PED (TUV Cert No: 01 202 TWN/Q-06 0145)					
4.We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.													4.Lab management system according ISO/IEC 17020(TAF Cert No:10001)					
													5.Lab management system according ISO/IEC 17025(TAF Cert No:2271)					
													 Lai Yu Lin QA Manager / Work Inspector.					

Q-Y-Q-33-07-C

4X AIW050575

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH	DART M-NUMBER IDENTIFIER
UNPOLISHED No. 1	1P
UNPOLISHED No. 2D	2D
UNPOLISHED No. 2B	NONE
POLISHED No. 3	3P
POLISHED No. 4	4P
BUFFED No. 6	6P
BUFFED No. 7	7P
BUFFED No. 8	8P

PART NUMBER: M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.236 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED

2015 FEB 04

ECN 15-522 4'

REV.	DESCRIPTION	BY	DATE
D	ADDED GAUGES 0-7.	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN CB) AND EXAMPLE OF MATERIAL P/N WITH FINISH OTHER THAN 2B (ZN BS).	MB	12.09.20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1). ADD GAUGE REF (CB-1). REF PAR 08-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24

DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. M304S TITLE 304/316 SS SHEET SCALE NTS REV. D SHEET 1 OF 1 COPYRIGHT © 2001 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS UNCLASSIFIED AND CONFIDENTIAL. ANY DISCLOSURE OF THIS DOCUMENT IS UNAUTHORIZED. IT IS NOT TO BE REPRODUCED, STORED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.</small>
DRAWN	AJS	
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	15.01.06	

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S16GA
 DATE: 18/10/31

PO / BATCH NO.: P0041514/5123198

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 128sf
 QUANTITY INSPECTED: 128sf
 QUANTITY REJECTED: 64sf (5123205)

THICKNESS ORDERED: 0.063"
 THICKNESS RECEIVED: 0.063"
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> N	ASTM A240
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	LT: A162050575
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/10/31</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



3425
North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

FESS-18G483042B
METALLURGICAL TEST REPORT

52106

19625
6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000 024664

Certificate: 434786 4

Customer: 007040 102

Date: 8/06/2018 Page: 1

Steel: 304L

Finish: 2B

Corrosion: ASTM A262-02a PRACTICE E

Your Order: P207936

NAS Order: PN 0098340 03

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED. UNS 30400/30403
ASTM A240/17, A480/16b, A666/15; ASME SA240/17, SA480/17, SA666/17
MANUFACTURED IN SOUTH AFRICA

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001

Product Id	Supplier Id	Skid #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	Commodity Code
CA0439	416241 2C		.0472	47.9981	21,296	COIL	4	1	

CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	Supplier#	CM	C %	CR %	MN %	N %	NI %	P %	S %	SI %
4162	416241	So	.0241	18.0051	1.1811	.0653	8.0123	.0271	.0009	.3605

MECHANICAL PROPERTIES

Product Id	Supplier Id	l o c a l	d i c t o r	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	% Hard RB	TAIL RB
CA0439	416241 2C	F	T	97.00	44.00	50.00	85.00	83.00

heat 4162

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

8/08/2018

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:	FINISH	DART M-NUMBER IDENTIFIER
	UNPOLISHED No. 1	1P
	UNPOLISHED No. 2D	2D
	UNPOLISHED No. 2B	NONE
	POLISHED No. 3	3P
	POLISHED No. 4	4P
	BUFFED No. 6	6P
	BUFFED No. 7	7P
	BUFFED No. 8	8P

PART NUMBER: M304S TT GA #P
 GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED

2015 FEB 04

ECN 15-522 9

REV.	DESCRIPTION	BY	DATE
D	ADDED GAUGES 0-7.	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN C8) AND EXAMPLE OF MATERIAL P/N WITH FINISH OTHER THAN 2B (ZN B5).	MB	12.09.20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 08-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. M304S TITLE 304/316 SS SHEET REV. D SHEET 1 OF 1 SCALE NTS	
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	15.01.06		

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S186A

DATE: 18/10/31

PO / BATCH NO.: P0041514/S123199

MATERIAL CERT REC'D: Yes

QUANTITY RECEIVED: 1925F

QUANTITY INSPECTED: 1925F

QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.050"

THICKNESS RECEIVED: 0.050"

SHEET SIZE ORDERED: 4'x8'

SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	ASTM A240
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	MT-4162
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

SAMPLE METEOR READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

ENGINEERING SIGN OFF (if required)

SIGNED BY: [Signature]

SIGNED OFF BY: _____

DATE: 18/10/31

DATE: _____

Inspection sheet with the

ing material cert and remit to be scanned and received in

**ACIER OUELLETTE INC.**

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

Copy

CO00119105

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : LUSSIER Tél.: (613) 632-5200 X 730

Delivery Route 5**Customer N°**

CLI0001056

Date

2018/11/06

Delivery date**2018/11/09****Your order N°**

PO041514

Processed by

Denis Quenneville

Salesman**Carrier**

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Instruction F-M

Product Description	Weight	Qty	UM	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 2 SHEET 48 X 96 AC21304-SDI-7/11 Heat : 854967 <i>AK</i> RMA 1937 2 FEUILLES SS304 16JA 48 X 96 A RAMASSER REF FAC 121775	168.00	64.00	PI2_\$CLB		2x 4'x8'						

Note : ATTENTION: MILL TEST REQUIS**Conditions :**

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 168.00**NIR : R-109516-6**

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Date

119105 *Duit*
PACKING LIST



Heat: 854967

CERTIFICATE OF TEST

24858
21304N

(4)

CUST. ORDER NO. & DATE F208064		CUST. CODE 06/19/18 MG BILL L155051	FINISHING LOCATION VANDERGRIFF, PA	SHIPPER NO. 569835	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-068-317	DATE SHIPPED 06/20/18
FORMS DISTRIBUTION SOLD TO → 3 SHIP TO → SPEC SOLD TO		REPEAT 01885-4	DO 26	GOVT. CONTRACT 7219.90.0000	MAT'L 1121	SHIPPING LOCATION VANDERGRIFF PA	INVOICE 668227
		PRIME DSO 30	SEC. DSO		SHIP TO		

GRADE AND SPECIFICATIONS
 "ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (ASTM-A-240-17) (ASTM-A-480-17) (UNS S30400)

CARRIER - TRANSPORT TFI DBA GOLDEN

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
002	1	48./059/1531.	854967	AAC29015-A	8858250	14915	50	14865		573043		
C CUST IDENTITY 3042B.059X48-RC						14915	50	14865				
1 SKID												

131-41

ORDER REMARKS: IN THE EVENT DDP (INCOTERMS 2010 OR LATEST REV) APPLIES TO THIS ORDER, BUYER SHALL BE SOLELY LIABLE TO PAY, OR PROMPTLY REIMBURSE SELLER IF SELLER PAYS, ANY NEW OR INCREASES TO DUTIES, TAXES, TARIFFS, CUSTOMS FORMALITIES OR OTHER GOVERNMENTAL CHARGES IMPOSED AFTER MARCH 1, 2018 UPON IMPORT OF THE GOODS (NEW DUTIES). NOTWITHSTANDING THE DELIVERY TERM APPLICABLE TO THIS ORDER, BUYER EXPRESSLY WAIVES ANY RIGHT TO CLAIM FORCE MAJEURE OR ANY OTHER LEGAL OR EQUITABLE RIGHT TO TERMINATE, SUSPEND OR AMEND THIS ORDER AS A RESULT OF ANY NEW DUTIES OR OTHERWISE AVOID ITS OBLIGATION TO PAY ANY NEW DUTIES. EXW - EXCEPT VAT AND OTHER APPLICABLE LOCAL TAXES WHICH ARE THE RESPONSIBILITY OF THE BUYER

DIST: PLEASE MAIL ACKNOWLEDGMENTS TO DIVERSIFIED ULBRICH 98 NORFINCH DRIVE DOWNSVIEW, ONTARIO CANADA M3N1X1 ATTN: ANNE DIRKSEN-CAIROLI

TYPE HEAT/TEST (WT %)	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--N--
HEAT 854967	.02	1.62	.031	.0002	.34	18.15	8.14	.08
TEST LOCATION	BN	BN	BN	BN	BN	BN	BN	BN

PAGE 01 - CONTINUED ON PAGE 02

06/20/18 14:24:39

CONSIGNEE—Please Note—This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

WARNING
 Safety Data Sheets for this product are available on our website, www.ATImetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgement.

Noreen DeFerrari
 Sr. Manager Quality Control/Quality Assurance

N. DeFerrari

1

NOTICE OF SHIPMENT
PACKING LIST



CERTIFICATE OF TEST

CUST. ORDER NO. & DATE P208064			CUST. CODE 06/19/18 MG BILL L155051		FINISHING LOCATION VANDERGRIFT, PA		SHIPPER NO. 569835		PRODUCT CODE 13020102060000		MILL ORDER NUMBER 30-068-317		DATE SHIPPED 06/20/18	
FORMS DISTRIBUTION SOLD TO → 3 SHIP TO → SPEC SOLD TO			REPEAT ORDER 01885-4		DO DATE 28		PRI-ORITY		GOV'T. CONTRACT 7219.90.0000		MAT'L. 1121 VANDERGRIFT		SHIPPING LOCATION PA	
			PRIME		SEC.				SHIP TO				INVOICE 668227	
			SS		DSO		DSO						30	

GRADE

CARRIER - TRANSPORT TFI DBA GOLDEN

"ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2" #	% R/A	HARDNESS	BEND NR	NR	ASTM GRAIN SIZE	HARDENABILITY NR
002 8858250	T 47700.	93600.	54. #	NR	86.HRBW	NR	NR	NR	NR
	T 47500.	93500.	55. #		85.HRBW				
TEST LOCATION	TC	TC	TC		TC				

* Y.S. BY 0.2% OFFSET METHOD
ELONG AT FRACTURE

NR = DATA NOT REQUIRED

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

ATI FLAT ROLLED PRODUCTS DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

MATERIAL IS OF USA MELT AND MANUFACTURE.

EN 10204:2005 - 3.1 CERTIFICATE DOES NOT IMPLY THAT MATERIAL IS AN APPROVED PED GRADE. FOR A COMPLETE LISTING OF APPROVED PED GRADES, VISIT OUR WEBSITE AT WWW.ATIMETALS.COM.

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

PAGE 02 - CONTINUED ON PAGE 03

06/20/18 14:24:39

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Noreen DeFerrari

N. DeFerrari

1

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 0100-8 U417

CUST. ORDER NO. & DATE P208064		CUST. CODE 06/19/18	FINISHING LOCATION VANDERGRIFF, PA	SHIPPER NO. 569835	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-068-317	DATE SHIPPED 06/20/18
FORMS DISTRIBUTION SOLD TO → 3 SHIP TO → SPEC TO →		MO BILL L155051	REPEAT ORDER 01885-4	DO DATE 28	PRI-ORITY PRIME SEC	GOV'T. CONTRACT 7219.90.0000	MAT'L 1121
			DSO DSO 30		SHIPPING LOCATION VANDERGRIFF PA	INVOICE 668227	

GRADE

CARRIER - TRANSPORT TFI DBA GOLDEN

"ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI FRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI FRP QUALITY MANUAL REVISION 27 DATED 02/01/2018. FOR THE TESTING SPECIFICATION USED IN THE ANALYSIS OF THE MATERIAL, PLEASE SEE THE SCOPE OF APPROVAL FOR NADCAP AND ISO/IEC 17025 FOR THE LABORATORIES. THE SCOPE OF THE APPROVALS CAN BE FOUND AT WWW.ATIMETALS.COM.

ATI FLAT ROLLED PRODUCTS PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES FOR TESTING LOCATIONS TC, BN, & LO:

C, S BY COMBUSTION/INFRARED
N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
Mn, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
B BY OES
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
B, BI, AG BY GFAA

ATI FLAT ROLLED PRODUCTS HAS NO CONTROL OVER CUSTOMER PROCESSING OF MATERIAL; INCLUDING, BUT NOT LIMITED TO, BUFFING OR ELECTROPOLISHING MATERIAL WITH A 2B OR OTHER FINISH, AND DOES NOT REPRESENT OR GUARANTY THAT THE MATERIAL IS SUITABLE FOR ANY PARTICULAR PROCESS OR USE OF CUSTOMER.

EN 10204:2005 3.1 CERTIFICATE.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

BN = ATI-FLAT ROLLED PRODUCTS; 100 RIVER ROAD; BRACKENRIDGE, PA 15014
TC = ATI-FLAT ROLLED PRODUCTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

PAGE 03 - CONTINUED ON PAGE 04

06/20/18 14:24:39

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Noreen DeFerrari

N. DeFerrari

NOTICE OF SHIPMENT /
PACKING LIST



CERTIFICATE OF TEST

AL 0100-0 0411

CUST. ORDER NO. & DATE 208064			CUST. CODE 06/19/18 329587		FINISHING LOCATION VANDERGRIFF, PA		SHIPPER NO. 569835		PRODUCT CODE 13020102060000		MILL ORDER NUMBER 30-068-317		DATE SHIPPED 06/20/18	
FORMS DISTRIBUTION SOLD TO → 3 SHIP TO → SPEC TO →			MG BILL L155051		REPEAT ORDER 01883-4		DO DATE 28		GOV'T. CONTRACT 7219.90.0000		MAT'L 1121		SHIPPING LOCATION VANDERGRIFF PA	
					PRIME SEC								INVOICE 668227	
					DSO DSO									
					30									

GRADE "ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER -- TRANSPORT TFI DBA GOLDEN

<<<<<<< FOR ACCESS TO ONLINE CERTIFICATES OF TEST >>>>>>>
<<<<<<< REGISTER AT MYATI.ATIMETALS.COM >>>>>>>

PAGE 04 -- FINAL PAGE.

06/20/18 14:24:39

1

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Noreen DeFerrari

N. DeFerrari

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH	DART M-NUMBER IDENTIFIER
UNPOLISHED No. 1	1P
UNPOLISHED No. 2D	2D
UNPOLISHED No. 2B	NONE
POLISHED No. 3	3P
POLISHED No. 4	4P
BUFFED No. 6	6P
BUFFED No. 7	7P
BUFFED No. 8	8P

PART NUMBER: M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED

2015 FEB 04

ECN 15-522 07

REV.	DESCRIPTION	BY	DATE
D	ADDED GAUGES 0-7	AJS	15 01 06
C	DEFINED FINISH OPTION (ZN C8) AND EXAMPLE OF MATERIAL P/N WITH FINISH OTHER THAN 2B (ZN 85)	MB	12 09 20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1). ADD GAUGE REF (C8-1). REF PAR 08-020A	CP	09 06 01
A	NEW ISSUE	DS	01 09 24
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS	DRAWING NO.	REV. D
CHECKED		M304S	SHEET 1 OF 1
MFG. APPR.		TITLE	SCALE
APPROVED		304/316 SS SHEET	NTS
DE APPR.		COPYRIGHT © 2001 BY DART AEROSPACE LTD	
DATE	15.01.06	THIS DOCUMENT IS UNCLASSIFIED AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S16GA
 DATE: 18/11/09

PO / BATCH NO.: P0041514 / S123148

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 64sf
 QUANTITY INSPECTED: 64sf
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 16GA
 THICKNESS RECEIVED: 16GA
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	(Y)	N	Some rust
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM A240
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	HT: 854967
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/11/09</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in